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31353 U.S. PTO 12608  
31078503

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 03500.017662

First Named Inventor or Application Identifier

TOSHIHIKO OUCHI

Express Mail Label No. \_\_\_\_\_

U.S. PTO

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification Total Pages **44**

4.  Drawing(s) (35 USC 113) Total Sheets **8**

5.  Oath or Declaration Total Pages **1**

a.  Newly executed (original or copy)b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)i.  **DELETION OF INVENTOR(S)**Signed Statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).6.  Application Data Sheet. See 37 CFR 1.76**ADDRESS TO:**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer  
Program (Appendix)

8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a.  Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i.  CD-ROM or CD-R (2 copies); or

ii.  paper

c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  
(when there is an assignee)  Power of Attorney

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Other: \_\_\_\_\_

## 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No. PCT/JP03/13699  
Prior application information: Examiner \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**

|   |           |   |  |   |
|---|-----------|---|--|---|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label |           | (Insert Customer No. or Attach bar code label here) |  | <input type="checkbox"/> or <input type="checkbox"/> Correspondence address below |
| NAME _____  |           |   |  |   |
| Address _____   |           |   |  |   |
| City  | State     | Zip Code  |  |   |
| Country   | Telephone | Fax   |  |   |

| CLAIMS | (1) FOR  | (2) NUMBER FILED | (3) NUMBER EXTRA | (4) RATE                      | (5) CALCULATIONS |
|--------|--|------------------|------------------|-------------------------------|------------------|
|        | TOTAL CLAIMS<br>(37 CFR 1.16(c))   | 23-20 =          | 3                | X \$ 18.00 =                  | \$54.00          |
|        | INDEPENDENT<br>CLAIMS (37 CFR 1.16(b))                                     | 1-3 =            | 0                | X \$ 86.00 =                  | \$0.00           |
|        | MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))                 |                  |                  | \$290.00 =                    | \$290.00         |
|        |  |                  |                  | BASIC FEE<br>(37 CFR 1.16(a)) | \$770.00         |
|        |  |                  |                  | Total of above Calculations = | \$1114.00        |
|        | Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28). |                  |                  |                               |                  |
|        |  |                  |                  | TOTAL =                       | \$1114.00        |

19. Small entity status

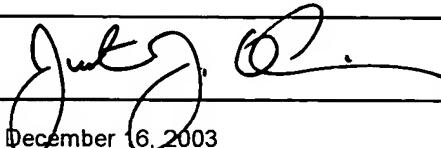
- A small entity statement is enclosed
- A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.
- Is no longer claimed.

20.  A check in the amount of \$ 1114.00 to cover the filing fee is enclosed.

21.  A check in the amount of \$ 40.00 to cover the recordal fee is enclosed.

22. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 06-1205:

- Fees required under 37 CFR 1.16.
- Fees required under 37 CFR 1.17.
- Fees required under 37 CFR 1.18.

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED |   |
|---|---|
| NAME  | Justin J. Oliver - Reg. No. 44,986  |
| SIGNATURE   |  |
| DATE  | December 16, 2003   |

JJO/kkv

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